

IN THE CLAIMS:

Please cancel claims 3, 23, and 24 without prejudice and amend/replace claim 1 as follows:

Claim 1 (currently amended): A nozzle for dispensing an adhesive, comprising:

a hollow nozzle body having a base and a tip and having a flow passage formed therethrough for receiving said adhesive, said tip having a first side and a second side opposite the first side;
said nozzle body having an inlet and outlet at opposite ends of said flow passage, wherein said outlet comprises a generally triangular shaped aperture formed in said tip, said generally triangular shaped aperture being configured to dispense a greater amount of said adhesive proximate the first side than an amount of adhesive dispensed proximate the second side, wherein said flow passage comprises a bore formed in said nozzle in communication with said inlet, and a substantially flattened channel in fluid communication with said bore, said substantially flattened channel having a triangular shaped cross section corresponding to the outlet.

Claim 2 (original): The nozzle of claim 1, wherein said inlet is formed as a hollow cylinder, and wherein said nozzle has threads formed therein at said inlet.

Claim 3 (cancelled)

Claim 4 (cancelled)

Claim 5 (original): The nozzle of claim 1, wherein said nozzle has a substantially flattened end face formed in the tip thereof, wherein said substantially flattened end face is disposed an angle with respect to an adjoining surface of said nozzle, and wherein said outlet is formed in said substantially flattened end face.

Claim 6 (previously presented): An apparatus for dispensing an adhesive into a workpiece having a circular outline, the apparatus comprising:

- a dispenser for directing flow of said adhesive, said dispenser being connectable to a source of adhesive and having a flow channel formed therethrough;

- a nozzle attached to a lower end of said dispenser, said nozzle comprising:

- a hollow nozzle body having a base and a tip and having a flow passage formed therethrough, said tip having a first side and a second side opposite the first side;

- said nozzle body having an inlet and an outlet at opposite ends of said flow passage, wherein said outlet comprises an aperture formed in said tip, said aperture being configured to dispense a greater amount of said adhesive proximate the first side than an amount of adhesive dispensed proximate the second side; and

- a rotatable turntable for rotatably supporting the workpiece, said turntable disposed below said nozzle.

Claim 7 (original): The apparatus of claim 6, further comprising a mechanism for raising and lowering said turntable.

Claim 8 (original): The apparatus of claim 6, further comprising a valve for starting and stopping a flow through the dispenser.

Claim 9 (original): The apparatus of claim 8, wherein said valve comprises a solenoid.

Claim 10 (original): The apparatus of claim 6, further comprising a support frame, wherein said dispenser is operatively attached to said support frame with said nozzle pointing downwardly.

Claim 11 (previously presented): The apparatus of claim 6, wherein said nozzle body flow passage comprises a bore formed in said nozzle body in communication with said inlet, and a substantially flattened channel in fluid communication with said bore and with said outlet, wherein said substantially flattened channel has a triangular shaped cross section corresponding to the nozzle outlet.

Claim 12 (original): The apparatus of claim 6, further comprising a rotary indexer having a rotatable dial plate, wherein the dial plate has a plurality of openings formed therein to receive the workpieces, and further wherein said turntable is disposed proximate said rotary indexer.

Claim 13 (original): The apparatus of claim 12, further comprising a mechanism for raising and lowering said turntable.

Claim 14 (previously presented): A method of adding an adhesive to a workpiece having a circular outline, comprising the steps of:

- supporting a workpiece on a rotatable support member, said workpiece having an outer side wall with a substantially circular outline, and a base attached to said outer side wall;

- positioning a dispenser nozzle, having a generally triangular shaped outlet aperture, over said base of said workpiece, with a wide end of said aperture adjacent the outer side wall of the workpiece;

- opening a valve to allow said adhesive to flow through said nozzle;

- rotating said workpiece while said adhesive is flowing from said generally triangular shaped outlet aperture.

Claim 15 (cancelled).

Claim 16 (previously presented): The method of claim 12, further comprising a step of lifting said work piece upwardly to bring it into proximity with said nozzle before opening the valve.

Claim 17 (original): The method of claim 12, wherein the workpiece includes an inner wall spaced away from said outer wall and attached to said base.

Claim 18 (previously presented): The method of claim 17, wherein said base is substantially circular shaped.

Claim 19 (previously presented): The method of claim 12 further comprising closing said valve after said workpiece has been rotated a predetermined number of degrees.

Claim 20 (previously presented): The method of claim 19 wherein said predetermined number of degrees is between 350° and 370°.

Claim 21 (previously presented): A method for applying an adhesive to an end-cap of a filter assembly, comprising:

moving adhesive through a flow passage in a nozzle body, said nozzle body having an inlet aperture and an outlet aperture at opposite ends of the flow passage, wherein said outlet aperture is formed in a tip of said nozzle body, said outlet aperture having a first end and a second end opposite the first end, said aperture being configured to dispense a greater amount of said adhesive at the first end than an amount of adhesive dispensed at the second end; and,

rotating said end-cap proximate said nozzle body such that said adhesive exiting said outlet aperture is disposed on said end-cap.

Claim 22 (previously presented): The method of claim 21 wherein said first end of the said outlet aperture is disposed proximate an outer portion of said end-cap during rotation of said end-cap.

Claim 23 (cancelled)

Claim 24 (cancelled)